line 26, delete ",", insert --;--; delete "that", insert --denotes the filling surface--.

Page 6, line 3, delete ",", insert --;--;
line 4, after "V_0", insert --is--;
line 6, after "12", insert --and is obtained--;
line 17, delete "upper and lower", insert --in the up and down directions,--;
line 18, delete "directions", insert --respectively--.

IN THE CLAIMS

Please amend the claims as follows.

1. (Amended) A contact type throttle sensor for detecting a rotational angle of a throttle valve spindle rotatably mounted in a throttle body of an internal combustion engine comprising:

[a throttle valve spindle which is rotatably fixed to a throttle body,]

a holder fixed to one end of said throttle valve spindle and having [brushes] a brush which [rotate] rotates along a predetermined [locus] path together with said throttle valve

spindle; [and being fixed to one end of said throttle valve spindle,]

a [ceramics] circuit board having [resistors] a resistor mounted thereon for [which come into] contact with said [brushes on the rotational locus of said brushes] brush and which [are arranged] is positioned [on a plane orthogonal] perpendicular to [an extending] the axial direction of said throttle valve spindle[,]; and

a housing holding said [ceramics] circuit board[,] and being furnished with a lead frame and a connector for relaying [the] an electric signal of said [resistors and] resistor, said housing being detachably fixed to said throttle body[,];

wherein said housing [has adjustment slots which realize fine adjustments in a rotating direction of said throttle valve spindle] further comprises means for adjusting a position of said brush with respect to the resistor.

2. (Amended) A contact type throttle sensor according to claim 1, wherein a [side] first surface of said holder [near] is adjacent to said throttle body [is in an inner side with respect to said holder having said brushes, and said brushes are arranged on an outer side of said holder], said

brush being located on a second surface of the holder facing in a direction opposite to said first surface.

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3. (Amended) A contact type throttle sensor according to claim 1, wherein said holder [having brushes] is [provided] located within a recess of said throttle body, and said [ceramics] circuit board [having said resistors which are] is fixed to said housing which engages [to] in said recess said recess and said housing being dimensional, whereby said brushes hold a predetermined contact pressure [between said brushes and] with said [resistors] resistor when said housing is engaged in said recess.

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4. (Amended) A contact type throttle sensor according to claim 2, wherein [a side of said holder near to said throttle body is in an inner side with respect to said holder having said brushes, and] said brushes are [arranged on an outer side] located adjacent to a rim of said holder.

5. (Amended) A contact type throttle sensor according to claim 1, wherein said housing [is formed to be] forms a unitary structure with said [ceramics] circuit board [having said resistors], said lead frame and said connector.

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6. (Amended) A contact type throttle sensor according to claim 1, wherein said [adjustment slots] adjusting means comprise [unloaded holes] adjustment slots for finely adjusting [finely] the position of said housing on said throttle body to produce an initial value of the electric signal [expressive of] corresponding to the rotational [signal] angle of the throttle valve spindle.

Claim 7, line 2, delete "are made of", insert --comprises--;
line 3, delete "plastics", insert --plastic--.

Please add the following new claims:

~~9~~ 8. A contact type throttle sensor as in claim 1, wherein said adjusting means moves said resistor either up or down with respect to said brush.

~~9~~ 11. A contact type throttle sensor for detecting a rotational angle of a throttle valve spindle rotatably mounted in a throttle body of an internal combustion engine comprising:

a holder being fixed to one end of said throttle valve

Claim 11